

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|---------------------|
| S47 | 4 | ("20070066947" "6592768" "20020128618" "5847031").did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 20:31 |
| S48 | 12 | ("2001046423" "1072630" "0705643" "9517455"). did. | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/06 20:32 |
| S49 | 42 | (US-20070066947-\$ or US-20020128618-\$ or US- 20020193492-\$).did. or (US-5862494-\$ or US- 4853266-\$ or US- 4749600-\$ or US- 4748069-\$ or US- 4588505-\$ or US- 4124116-\$ or US- 3990872-\$ or US- 6592768-\$ or US- 5847031-\$ or US- 5092858-\$ or US- 5146877-\$ or US- 5356678-\$ or US- 6380130-\$ or US- 5595731-\$ or US- 4261849-\$ or US- 5635196-\$ or US- 4171277-\$ or US- 4302369-\$ or US- 4704989-\$ or US- 4816307-\$ or US- 4900500-\$ or US- 5158778-\$ or US- 5284621-\$ or US- 5306487-\$ or US- 6203484-\$ or US- 6229062-\$).did. or (US- 6503582-\$ or US- 6933420-\$ or US- 7101834-\$ or US- 4122192-\$ or US- 4043952-\$).did. or (EP- 1072630-\$ or WO- 9517455-\$).did. or (JP- 2001046423-\$).did. or (JP-2001046423-\$ or EP- 1072630-\$ or DE- 4344224-\$ or CN- | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/11/06 20:34 |

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|-----|-----|---|--|----|----|---------------------|
| | | 1167743-\$.did. | | | | |
| S50 | 235 | 516/9.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:44 |
| S51 | 141 | S50 and (hydrogel float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:46 |
| S52 | 19 | S51 and (medical blood waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:47 |
| S53 | 228 | 516/11.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:49 |
| S54 | 129 | S53 and (hydrogel float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:49 |
| S55 | 29 | S54 and (medical blood waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:49 |
| S56 | 247 | 516/13.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:51 |
| S57 | 86 | S56 and (hydrogel float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:51 |
| S58 | 6 | S57 and (medical blood waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:52 |
| S59 | 473 | 516/79.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:52 |
| S60 | 296 | S59 and (hydrogel float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:52 |

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| S61 | 47 | S60 and (medical blood waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:53 |
| S62 | 91 | 516/80.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:55 |
| S63 | 72 | S62 and (hydrogel float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:55 |
| S64 | 7 | S63 and (medical blood waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:55 |
| S65 | 142 | 516/87.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:57 |
| S66 | 107 | S65 and (hydrogel float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:57 |
| S67 | 3 | S66 and (medical blood waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:57 |
| S68 | 20 | 516/905.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:57 |
| S69 | 45 | 516/906.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 21:59 |
| S70 | 160 | 588/7.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:00 |
| S71 | 42 | S70 and (hydrogel float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:00 |
| S72 | 30 | S71 and (medical blood waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:01 |
| S73 | 56 | 588/9.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:02 |

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| S74 | 44 | S73 and (hydrogel float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:02 |
| S75 | 37 | S74 and (medical blood waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:02 |
| S76 | 184 | 588/13-14.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:04 |
| S77 | 107 | S76 and (hydrogel float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:04 |
| S78 | 96 | S77 and (medical blood waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:04 |
| S79 | 92 | S78 and (solid solidify flocculate flocculant flocc \$5 silica\$1 alumina\$1 cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:05 |
| S80 | 237 | 588/18.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:08 |
| S81 | 100 | S80 and (hydrogel float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:08 |
| S82 | 89 | S81 and (medical blood waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:08 |
| S83 | 84 | S82 and (solid solidify flocculate flocculant flocc \$5 silica\$1 alumina\$1 cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:09 |
| S84 | 207551 | "84" and (float\$7 thicken \$3 solidify immobilize) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:09 |
| S85 | 24 | S83 and (float\$7 thicken \$3 solidify immobilize) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:09 |

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| S86 | 0 | 588/25.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:10 |
| S87 | 53 | 588/251.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:10 |
| S88 | 108 | 588/255.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:11 |
| S89 | 89 | S88 and (hydrogel float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:11 |
| S90 | 81 | S89 and (solid solidify flocculate flocculant flocc \$5 silica\$1 alumina\$1 cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:11 |
| S91 | 32 | S90 and (coat coated) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:12 |
| S92 | 237 | 422/18.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:13 |
| S93 | 124 | S92 and (hydrogel float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:13 |
| S94 | 95 | S93 and (solid solidify flocculate flocculant flocc \$5 silica\$1 alumina\$1 cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:13 |
| S95 | 15 | S94 and (medical blood waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:13 |
| S96 | 1360 | 40-41 and (medical blood waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:14 |
| S97 | 27 | S92 and (medical blood waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:14 |
| S98 | 927 | 427/2.1.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:15 |

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| S99 | 855 | S98 and (hydrogel float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:15 |
| S100 | 564 | S99 and (solid solidify flocculate flocculant flocc \$5 silica\$1 alumina\$1 cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:16 |
| S101 | 450 | S100 and (medical blood waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:16 |
| S102 | 437 | S101 and (coat coated coating) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:16 |
| S103 | 231 | S102 and (hydrogel silica \$1 alumina\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:16 |
| S104 | 0 | S103 and ((medical adj waste\$1) and (blood)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:17 |
| S105 | 0 | S103 and (medical adj waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:17 |
| S106 | 59 | 510/215.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:18 |
| S107 | 0 | S106 and (medical adj waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:18 |
| S108 | 173121 | "59" and (hydrogel silica \$1 alumina\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:18 |
| S109 | 15 | S106 and (hydrogel silica \$1 alumina\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:19 |
| S110 | 227 | 510/223.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:20 |
| S111 | 0 | S110 and (hydrogel and silica\$1 and alumina\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:20 |
| S112 | 97 | 510/225.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:21 |
| S113 | 26 | S112 and (hydrogel silica \$1 alumina\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:21 |

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| S114 | 0 | S113 and (medical adj waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:21 |
| S115 | 454 | 510/473.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:21 |
| S116 | 0 | S115 and (hydrogel and silica\$1 and alumina\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:21 |
| S117 | 300 | 510/474.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:21 |
| S118 | 0 | S117 and (hydrogel and silica\$1 and alumina\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:22 |
| S119 | 0 | S117 and ((hydrogel superabsorbent) and silica \$1 and alumina\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:22 |
| S120 | 912 | 510/476.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:22 |
| S121 | 1 | S120 and ((hydrogel superabsorbent) and silica \$1 and alumina\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:22 |
| S122 | 158 | 510/485.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:23 |
| S123 | 1 | S122 and ((hydrogel superabsorbent absorbent) and silica\$1 and alumina\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:23 |
| S124 | 398 | 510/486.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:26 |
| S125 | 0 | S124 and ((hydrogel superabsorbent) and silica \$1 and alumina\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:26 |
| S126 | 718 | 510/507.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:27 |
| S127 | 3 | S126 and ((hydrogel superabsorbent) and silica \$1 and alumina\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/06 22:27 |
| S128 | 1153 | 604/403.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:04 |
| S129 | 0 | S128 and ((hydrogel superabsorbent absorbent) and silica\$1 and alumina\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:05 |

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| S130 | 753 | S128 and (hydrogel absorbent superabsorbent float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:07 |
| S131 | 229 | S128 and (solid solidify flocculate flocculant flocc \$5 silica\$1 alumina\$1 cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:08 |
| S132 | 12 | S128 and ((surgical or medical) adj waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:10 |
| S133 | 16 | ("5238582" "5254285" "5437836" "5549585" "5549820" "5741237" "5741238" "5776118"). PN. OR ("5945004"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/11/07 00:16 |
| S134 | 537 | 604/416.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/11/07 00:32 |
| S135 | 427 | S134 and (hydrogel absorbent superabsorbent float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:33 |
| S136 | 427 | S135 and (hydrogel absorbent superabsorbent float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:33 |
| S137 | 424 | S135 and (hydrogel float \$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:34 |
| S138 | 0 | S137 and ((hydrogel superabsorbent) and silica \$1 and alumina\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:36 |

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| S139 | 424 | S137 and (hydrogel float \$7 thicken\$4 container cannister absorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:37 |
| S140 | 237 | 588/18.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:39 |
| S141 | 100 | S140 and (hydrogel float \$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:39 |
| S142 | 89 | S141 and (medical blood waste\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:39 |
| S143 | 83 | S142 and (solid solidify floccluate flocculant flocc \$5 float\$7 thicken\$4 gel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:39 |
| S144 | 32 | S143 and (container cannister) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:41 |
| S145 | 81 | S141 and (float\$7 thicken \$4 container cannister particle\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:44 |
| S146 | 53 | 588/251.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:49 |
| S147 | 108 | 588/255.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:50 |
| S148 | 640 | 428//570.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:53 |
| S149 | 465 | S148 and (hydrogel absorbent superabsorbent float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:54 |

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| S150 | 463 | S148 and (hydrogel absorbent superabsorbent float\$7 thicken\$4 superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:54 |
| S151 | 87 | S142 and (solid solidify flocculate flocculant flocc \$5 float\$7 thicken\$4 gel cannister container) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:55 |
| S152 | 460 | S148 and (hydrogel absorbent superabsorbent float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:57 |
| S153 | 458 | S148 and (hydrogel absorbent superabsorbent float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:58 |
| S154 | 454 | S153 and (hydrogel superabsorbent float\$7 thicken\$4 polymer particle \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 00:59 |
| S155 | 447 | S153 and (hydrogel particle\$1 solidify solidif \$5 float\$5 flocculate flocculanat flocc\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 01:01 |
| S156 | 447 | S153 and (hydrogel particle\$1 solidify solidif \$5 float\$5 flocculate flocculant flocc\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 01:01 |
| S157 | 157 | S153 and (silica\$3 or alumina\$3 or (multivalent adj cation)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 01:03 |
| S158 | 1057 | 427/446.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 01:07 |
| S159 | 789 | S158 and (hydrogel absorbent superabsorbent float\$7 thicken\$4 container cannister superabsorbent polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 01:08 |

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| S160 | 356 | S158 and (superabsorbent container cannister silica \$1 alumina\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 01:17 |
| S161 | 327 | S160 and (particle\$1 powder\$3 granule\$1 fines dust\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 01:27 |
| S162 | 83 | S142 and (solid solidify flocculate flocculant flocc \$5 thicken\$4 gel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 01:32 |
| S163 | 71 | S161 and (flocculant floccul\$6 thicken solidif \$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 01:37 |
| S164 | 1955 | 422/180.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 01:41 |
| S165 | 1087 | S164 and (hydrogel absorbent superabsorbent float\$7 thicken\$4 container cannister polymer particle\$1 hydrophobic silica\$1 alumina\$1 multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 01:42 |
| S166 | 762 | S165 and (particle\$1 powder\$3 granule\$1 fines dust\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 01:43 |
| S167 | 16 | S130 and (flocculant floccul\$6 thicken solidif \$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 01:44 |
| S168 | 51 | S166 and (flocculant floccul\$6 thicken solidif \$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 01:44 |
| S169 | 5295 | 428/195.1.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/11/07 01:46 |
| S170 | 0 | 428/40.9.ccls | US-PGPUB; USPAT; USOCR; FPRS; EPO | OR | ON | 2009/12/30 23:15 |
| S171 | 108 | 428/41.1.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO | OR | ON | 2009/12/30 23:17 |
| S172 | 241 | 428/40.9.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO | OR | ON | 2009/12/30 23:17 |
| S173 | 128 | 428/41.4.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO | OR | ON | 2009/12/30 23:17 |
| S174 | 389 | 428/41.5.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO | OR | ON | 2009/12/30 23:17 |

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|------|-------|--|--|----|----|---------------------|
| S175 | 10366 | 428/402-405.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO | OR | ON | 2009/12/30 23:18 |
| S176 | 3507 | 428/402.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO | OR | ON | 2009/12/30 23:18 |
| S177 | 3890 | 428/403.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO | OR | ON | 2009/12/30 23:18 |
| S178 | 826 | 428/405.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO | OR | ON | 2009/12/30 23:18 |
| S179 | 1948 | 428/404.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO | OR | ON | 2009/12/30 23:18 |
| S180 | 5077 | (S171 or S172 or S173 or S174 or S175 or S176 or S177 or S178 or S179) and (float floating floatability flocc\$ flocculant flocculating thicken thickening solidify solidifies solidification (medical adj waste) (liquid adj waste) suspend suspension hydrogel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/30 23:26 |
| S181 | 5077 | (S171 or S172 or S173 or S174 or S175 or S176 or S177 or S178 or S179) and (float floating floatability flocc\$ flocculant flocculating thicken thickening solidify solidifies solidification (medical adj waste) (surgical adj waste) (liquid adj waste) suspend suspension hydrogel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/30 23:27 |
| S182 | 2444 | (S181) and (float floating floatability flocc\$ flocculant flocculating thicken thickening solidify solidifies solidification (medical adj waste) (surgical adj waste) hydrogel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/30 23:28 |

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|------|------|---|--|----|----|---------------------|
| S183 | 0 | S182 and ((particles) and (coat coated coating coat \$4) and ((hydrophobic) adj (silica\$1 alumina\$1)) and (multivalent adj cation) and (hydrogel superabsorbent)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/30 23:33 |
| S184 | 2193 | S182 and (particles) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/30 23:33 |
| S185 | 0 | S183 and (coat coated coating coat\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/30 23:34 |
| S186 | 2193 | S184 and (particles) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/30 23:34 |
| S187 | 1132 | S186 and (silica\$1 alumina \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/30 23:35 |
| S188 | 10 | S187 and (multivalent adj cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/30 23:35 |
| S189 | 0 | S170 and (hydrophobic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/30 23:36 |
| S190 | 1575 | "427"/\$.ccls. and (hydrogel superabsorbent) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/30 23:47 |
| S191 | 933 | S190 and (particle\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/30 23:47 |
| S192 | 454 | S191 and (silica\$ alumina \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/30 23:47 |
| S194 | 7 | ("6592768" "20020128618" "5847031" "20080234420" "20050096435" "7173086" "20010044378").did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/30 23:55 |
| S195 | 3 | ("2002038124" 2006-118426 2002-035695). did. | JPO; DERWENT | OR | ON | 2009/12/30 23:56 |
| S196 | 3 | S194 or S195 | JPO; DERWENT | OR | ON | 2009/12/30 23:56 |
| S197 | 10 | S194 or S195 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/12/30 23:56 |

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|------|------|--|--|----|-----|---------------------|
| S198 | 3 | "9517455".did. | FPRS; EPO; JPO; DERWENT | OR | ON | 2009/12/31 00:34 |
| S199 | 1 | "5856370".pn. | FPRS; EPO; JPO; DERWENT | OR | ON | 2009/12/31 00:46 |
| S200 | 1 | "5856370".pn. | USPAT | OR | ON | 2009/12/31 00:48 |
| S201 | 19 | ("4918110" "5026738" "5219969").PN. OR ("5856370").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/31 00:48 |
| S202 | 7 | ("6592768" "20020128618" "5847031" "20080234420" "20050096435" "7173086" "20010044378").did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/31 08:17 |
| S203 | 1578 | "427"/\$.cls. and (hydrogel superabsorbent) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/31 08:18 |
| S204 | 935 | S203 and (particle\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/31 08:18 |
| S205 | 454 | S204 and (silica\$ alumina \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/31 08:18 |
| S206 | 115 | S205 and (multivalent cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2009/12/31 08:18 |
| L2 | 1 | "20070066947".did. | US-PGPUB; USPAT | OR | ON | 2009/12/31 13:08 |

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